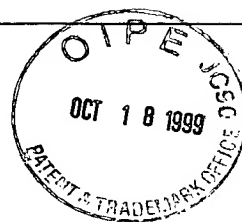


SEQUENCE LISTING



<110> Mills, Allen P.  
Yurke, Bernard  
Platzman, Philip M.

<120> ANALOG AND NEURAL NETWORK COMPUTATION USING DNA

<130> 31860-139491

<140> 09/129,958

<141> 1998-08-06

<150> 09/078,761

<151> 1998-05-15

<150> 09/018,248

<151> 1998-02-03

<150> 60/086,654

<151> 1998-05-26

<160> 4

<170> PatentIn Ver. 2.0

<210> 1

<211> 10

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: DNA based  
analog oligonucleotide

<400> 1

agctatcgat

10

<210> 2

<211> 33

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: DNA based  
analog oligonucleotide

<220>

<223> the 3' end of this oligonucleotide is attached to  
about 3-6 oligomer subunits defined as S(r)...S(2)S(1)  
(complement) where r is the number of oligomer  
subunits.

<400> 2

aatgcaagat cgaaatttat acgtttatct tac

33

<210> 3

RECEIVED

OCT 20 1999

TECH CENTER 1600/2900

B1

<211> 33  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: DNA based  
analog oligonucleotide

<220>  
<223> the 3' end of this oligonucleotide is attached to  
about 3-6 oligomer subunits defined as  $R(1)R(2)\dots R(r)$   
where  $r$  is the number of oligomer subunits.

<400> 3  
aatgcaagat cgaaatttat acgtttatct tac

33

<210> 4  
<211> 30  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: DNA based  
analog oligonucleotide

<400> 4  
aatgcaagat cgaaatttat acgtttatct

30

B1  
concl